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(71) Applicant (for all designated States except US): AUBURN
UNIVERSITY [US/US]; Office of Technology Transfer,
309 Samford Hall, Auburn University, AL 36849-5176
(US).

(71) Applicant and

(72) Inventor: SMITH, Joseph, A. [US/US]; P.O. Box 16951,
Mobile, AL 36616 (US).

(74) Agent: SMITH, Joseph, A.; P.O. Box 16951, Mobile, AL
36616 (US).

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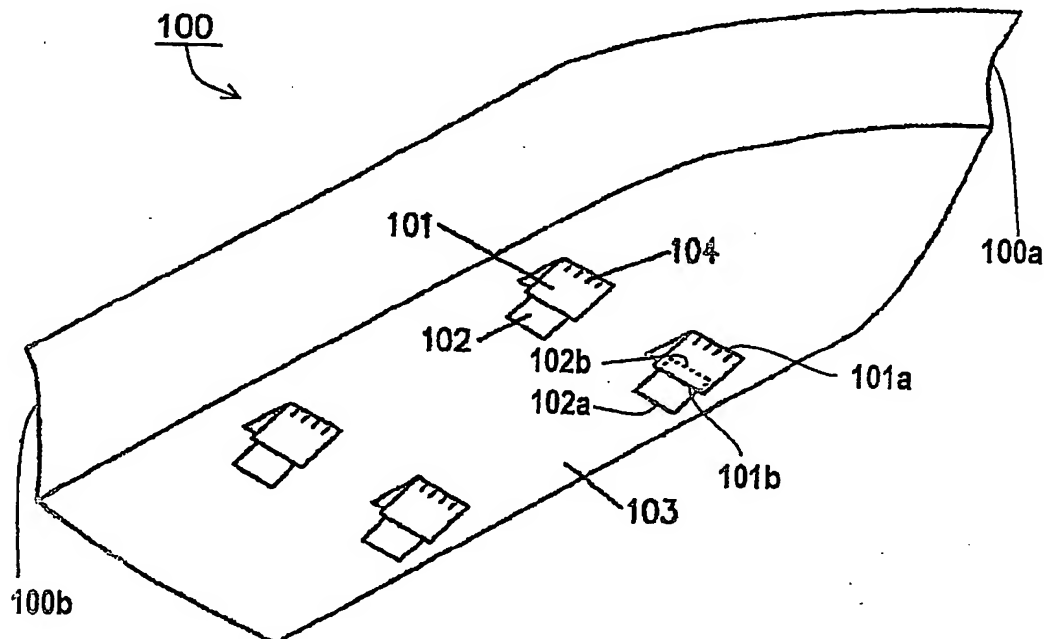
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(54) Title: MARINE HYDRO LIFT FLAPS AND METHODS OF USING SAME



(57) Abstract: An apparatus for improving performance of a vessel, wherein the vessel has a hull 100 having a bottom 103, a bow 100a and a stern 100b. In one embodiment, the apparatus has at least one flap 101, wherein the flap 101 has a forward edge 101a, a rear edge 101b, and a body portion defined therebetween the forward edge 101a and the rear edge 101b, the body portion having an exterior surface 101c and an opposite, interior surface 101d, and is movably mounted to the bottom 103 of the hull 100 at the forward edge 101a such that each flap 101 can be moved between a first position and a second position apart from the first position. The apparatus also has means for moving the flap 101 between the first position and the second position.



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